Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

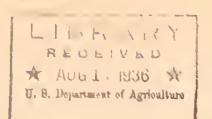


* AUG 1 / 1936 \$ U. S. Department of Agriculture

WINTER CHARACTERISTICS OF CULTIVATED CURRANT AND GOOSEBERRY BUSH

PLANTS	HABIT OF GROWTH	HEIGHT OF MATURE BUSH	BRANCHING	SPINES OR PRICKLES	BARK	TWIGS	P.
Cultivated or European black currant	Upright, few branches, stocky	3 to 6 feet	Alternate	None	Old bark dark brown, often with corky spots; young bark lighter colored, not shredding.	Round stocky, without ridges	Si co.
American black currant	11 11	tt If	11	11	11 11	Ridged stems, not round, small- er than in European black cur- rant	
Cultivated red or white currants	IT II	3 to 5 feet	11	11	Old bark darker than above; young bark often light col- ored, not shredding	Not round, often angu- lar and shriveled	
Yellow flower→ ing currants	Upright, many branches, stocky	6 to 8 feet	it	11	Old bark dark, often with corky spots; young bark light colored, not shredding	Twigs rounded	
Cultivated gooseberry	Inclined to be sprawling;	2 to 4 feet	11	Stout no- dal spines,	Light colored, not shredding	Often angular	





WINTER-CHARACTERISTICS OF CULTIVATED CURRANT AND GOOSEBERRY BUSIES AND SIRUBBY PLANTS WITH WHICH THEY MAY BE CONFUSED

U. S. Dept. of Agriculture, Blister Rust Control Office, 604 County Court House, Asheville, N. C.

												Asheville, N. C.
PIONTS	HABIT OF GROWTH	HEIGHT OF MATURE BUSH	BRANCHING	SPINES OR PRICKLES	BARK	TWIGS	PITH	TERMINAL BUDS	LEAF SCARS	RETENTION OF FRUIT IN VINTER	CHARACTERISTIC ODOR OF TWIG WHEN CRUSHED	DISTINGUISHING CHARACTERISTICS
Cultivated or European black current	Upright, few branches, stocky	3 to 6 feet	Alternato	Nono	Old bark dark brown, often with corky spots; young bark lighter colored, not shredding.	Round stocky, without ridgos	Sinll, eream- colored	light-col-	Altornate "U" or cres- cont-shaped; bundle traces in threes, plainly vis- ible	Berries usually not re- tained	Strong odor resombling bed bugs	Strong, bed-bug like odor. Round light-colored twigs. Plump terminal buds. Non-shredding bark.
American black current	11 11	11 11	11	ιt	11 11	Ridged stoms, not round, small or than in European black cur- rant		Smallor than abovo, but otherwise similar	11 11	11 11	None or very slight	Odor mild or absent. Ridges extend- ing down twig on either side of bud. Non-shredding bark.
Cultivated red or white currents	11 11	3 to 5 feet	11	11	Old bark darker than above; young bark often light col- ored, not shredding	Not round, ofton angu- lar and shriveled	11 11	Small, often clustered (1/16 in. long),dark colored	11 11	Not re- tained	None	Small, dark clustered terminal buds. No odor. Young branches darker colored than cultivated black currant, and often shriveled and angular. Bark not shredding.
Tellow flower- ing currents	Upright, many branches, stocky	6 to 8 feet	11	IT	Old bark dark, often with corky spots; young bark light colored, not shredding	Twigs rounded	d H	Modium (1/16 to 1/8 inch long), light col- ored, plump	11 11	11	None	Tall bush. American elm-like growth, many branches, light colored young growth. No odor. Bark not shredding.
Oultivated goosererry	Inclined to be sprawling; fine branches	2 to 4 feet		Stout no- dal spinos, often in threes; prickles along oranches	Light colored, not shredding	Often angular	i n	Quito largo (1/8 in. long);scale plainly vis ible	Narrowor leaf scars than in	П	u	Nodal spines, stout, often in threes. Small pith to distinguish it from raspberry. Fruit not retained in winter, as in case with barberry. Inner bark and wood not yellow.
Spiraea	Upright, many slender branches, often drooping like American elm	2 to 8 feet	11	Rono	Light brown to reddish- brown, shredding	Slondor, round, angled from stom, giving it a zigzag appearanco	-	Small	Only one bundle trace	Fruit dry and incon- spicuous not a berry, rotained in winter	17	Very slender branches. Bark shredding.
Raspberry or blackberry	Straggling shruo, stocky, few branches, cane-like	Usually undor 6 feet.	TI	Pricklos varying in thickness but usually stout, scat- tered along stem, not grouped at nodes, often recurved	times roddish and groonish, shredding, thin	Stocky, usually ridged and angular, not round	Large brown, irrogu- lar in cross section	Medium; lower buds covered by pet- iole base		Not retained	II	Large, irregularly shaped pith.
Barberry	Upright, often drooping like American elm; Eany slender branches	Some species 2 to 3 ft., others 6 to 8 feet	11	Sharp, nodal slender, long spines, us-ually dark colored, single or in groups	Gray outer; innor bark and wood yellowish	Slender ridgod	Very small	Small and incon-spicuous	Leaves often retainod all winter	Retained, dark rcd, shrivoled, in racemes on some species, single on others	Slight odor and tasto of licorice root	Red berries retained in winter. Slonder branches. Slender, long reddish dark spines. Yellow inner bark and wood.
Showberry	Upri <i>g</i> ht	2 to 4 feet	Opposite	None	Clay colored, shredding	Round, stocky	Vory small	Modium	_	Dry berries in small clustors, retained in wintor	None	Opposite branching. White berries.
Ninebark	Upright, bushy with many small branches	4 to 6 feet	Alternate	None	Drab, brown- ish, shred- ding in long otrips	Ridged, small	Small	Medium	-	Dry, incon- spicuous fruit, often retained in winter, in clusters	None	Bark shredding profusely.

KEJ	H. N. PUTNAM — 11/26/33 — BASED ON DATA FROM PIERCE, RILEY, EPLING "FIELD KE										
i es	, begein Llame	-nw o nd , derd -derde , dei -derde , derde -derde , derde -derde , derde , de	None	otsarotLA	1991 9 0 1 η	Upright, dushy with many seahonsrd llens	Minebark				
us A€	Round,	Clay colored, shredding	N o ne	etizoqq0	S to h feet	tdg.irqU	Sn o wber ry				
Ver	Slender ridged	Gray outer; frner bark and wood yellowish	Sharp, nodal short, long selender, long springs wark wally dark colored, or single or single or single strongs	t i	Some species 2 to 3 ft. others 6 to 8 feet	Upright, often drooping like American clm; many slender branches	Barberry				
Lal brd iri Lal cre cre sec	Stocky, usually ridged and angular, not round	Light brown to tan col- to tan come- ored, some- times reddish, and greenish, and greenish,	Prickles varying in thickness but usually stout,scat- tered along stem, not grouped at modes, ofter		vabally under of feet.	Straggling shrub, stocky, few branches, cane-like	Raspberry blackberry				
	Slender, round, angled from stem, giving it a zigzag a ppoarance	Light brown to reddish- brown, shredding	9u o N	ıı	teel 8 ot S	Upright, many slender, clender branches, often drooping like American elm	sesriqZ				
			orten in praces; prickles slong slong praces			TIUG DISUCUGS					



KEL	H. N. PUTNAM 11/26/33 BASED ON DATA FROM PIERCE, RILEY, EPLING "FIELD KEY										
T TS	Ridged, smæll		None	otsmrotfA	4001 9 ot 4	Upright, bushy with many small branches	Ninebark				
us →Λ	Hound,		None	Opposite	S to h feet	trgirqU	Snowberry				
Ver Smrs	Slender ridgod	Gray outer; inner bark and wood yellowish	Sharp, nodal alendor, Longal alendor, Longal alendor wally dark colored, or single or in groups	11	Some species 2 to 3 ft., others 6 to 8 feet	Upright, often drooping like American clm; many slender branches	Barberry				
Lal brd iri lai lai cri cri sei	Stocky, usually ridged and angular, not round	times reddish, and greenish, shredding, thin	Prickles varying in thickness but usually stout,scat- tered along stem, not stem, not grouped at nodes, ofter necurved		TewaU • 1991 9	Straggling shrub, stocky, few branches, cane-like	Pspbonn or blackberry				
	Slender, round, angled from stem, giving it a zigzag a zigzag	Light brown to reddish- brown, shredding	None	41	teel 8 of S	Upright, many lyright, many sleas, sleador branches of the like American elm	Spirses				
			orten in prickles prickles slong			TTUG DLSUCUGZ					